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ABSTRACT:

For optimizing the yield of atomized-off material on a magnetron atomization source, a process space, on the source side, is predominantly walled by the atomization surface of the target body. The magnetron atomization source has a target body with a mirror-symmetrical, concavely constructed atomization surface with respect to at least one plane and a magnetic circuit arrangement operable to generate a magnetic field over the atomization surface. The magnetic circuit arrangement includes an anode arrangement, a receiving frame which extends around an edge of the target body and is electrically insulated with respect thereto. The receiving frame has a receiving opening for at least one workpiece to be coated. The magnetron source can be used to provide storage disks, such as CDs, with an atomization coating.

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